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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/720,341
Sheet	1	of	2	Filing Date	November 25, 2003
				First Named Inventor	George J. MATTHEWS
				Art Unit	3764
				Examiner Name	T. NGUYEN
				Attorney Docket Number	
				5377-002-27	

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> Known			
		US -1,490,363	04/15/1924	Couplin	
		US -2,673,088	3/23/1954	Wentz	
		US -3,259,385	7/5/1966	Boren	
		US -3,455,295	7/15/1969	Kellogg	
		US -3,596,654	8/3/1971	Tamura	
		US -3,693,614	9/26/1972	Schon	
		US -3,910,571	10/7/1975	Stenn	
		US -4,169,591	10/2/1979	Douglas	
		US -4,262,902	4/21/1981	Dranselka	
		US -4,282,865	8/11/1981	Pogue	
		US -4,285,515	8/25/1981	Gezari	
		US -4,402,502	9/6/1983	Peters	
		US -4,478,213	10/23/1984	Redding	
		US -4,485,579	12/4/1984	Hawie	
		US -4,534,553	8/13/1985	Shirley	
		US -4,572,501	2/25/1986	Durham et al.	
		US -4,621,620	11/11/1986	Anderson	
		US -4,653,808	3/31/1987	Opsvik	
		US -4,776,583	10/11/1988	Jennings	
		US -4,974,840	12/4/1990	Welch	
		US -5,033,223	7/23/1991	Minter	
		US -5,465,671	11/14/1995	Genest	
		US -5,472,396	12/5/1995	Brazaitis	
		US -5,514,053	5/7/1996	Hawkins et al.	
		US -5,598,789	2/4/1997	Jonker	
		US -5,743,050	4/28/1998	Shibata	
		US -5,820,519	10/13/1998	Slenker	

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		Number-Kind Code <sup>2</sup> ( <i>if known</i> )			
		US - 5,833,581	11/10/1998	Johnston	
		US - 5,860,941	1/19/1999	Saringer et al.	
		US - 6,152,855	11/28/2000	Dean, Jr. et al.	
		US - 6,164,607	12/26/2000	Hawkes	
		US - 6,270,445	8/7/2001	Dean, Jr. Et al.	
		US - 6,273,392	8/14/2001	Birkhold	
		US - 6,299,566	10/9/2001	Wu	
		US - 6,371,309	4/16/2002	Smith	
		US -Re. 33,645	7/23/1991	Coote	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if known</i> )			
					T <sup>6</sup>
Examiner Signature			Date Considered		

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
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